



Frederick County Sustainability Commission

Meeting Minutes for

10/18/17



FCSC Attendees: Tom Anderson, Tim Jones, Jennifer Bird, Elizabeth Peterson, Rachel Armistead, John Ferri, Ron Hardman, Mike Swanson

OSER: Lisa Orr, Shannon Moore, Kim Campbell, Basit Bangash

Public: Patrice Gallagher, Samantha Hogan, Kerry Sorenton

I. Welcome and Introductions

- a. The Secretary (Jennifer Bird) opened the meeting and welcomed all FCSC members and guests.

II. Vice Chair items

- a. Approval of September Meeting Minutes. Tim made a motion to accept the minutes. Liz seconded the motion. Two abstentions.
- b. Patrice Gallagher – Reporting on Zero Waste Workshop on Sept 30 at Hood College. Elected officials and candidates attended.
- c. Sustainability Awards – Will be posted on November 1. Nominations open until Jan 1. Logo will be updated. Tim asked for clarification that Organization includes business and nonprofits. Both are included. Shannon will look into posting the forms online with an online submission. Tim made a motion to accept the forms as edited. John seconded the motion. Motion passed with all in favor.

III. Smart Growth, Net Zero Ready Certifications (Tom Anderson)

- a. Riparian Buffer
 - i. Sensitive area surrounding a stream or wetland
 - ii. In forested buffers, leaves provide carbon source to streams, provides food supply to life in streams. Buffers remove nitrogen, increase biological activity. May remove 2-8x more nitrogen than grass buffers.
 - iii. In building a buffer, plant saplings and weed the area through mowing and vine removal. In 15 years, thin the trees and within 50-90 years, it will become a manageable commercial forest. Species should be native and appropriate to the environment.

- b. Environmental Site Design
 - i. 2009- MD Stormwater Design Manual
 - ii. Requires environmental site design
 - iii. Create protection and enhancement strategies
 - iv. Minimize site imperviousness
 - v. Integrate erosion and sediment control and stormwater management in a comprehensive development plan
 - vi. Smart Growth – Water and Land use
 - 1. Frederick County is a leader in environmental protection
 - 2. ESD is being used in land use and stream protection
 - 3. Enhancing stream buffers with forests as opposed to grass
 - 4. Net Zero Ready Energy Home
 - a. Goal is for builders to make the home ready to be net zero
 - b. Sited in the correct direction to capture solar energy
 - c. High efficiency windows, etc.
 - 5. Two paths to Net Zero Ready: Prescriptive Path and Performance Path
 - a. Both start with an Energy Star home certification
 - b. Hot water efficiency and roof orientation are included in items to be designed for

IV. Discuss STAR Community Webinar

- a. Webinar Notes
- b. STAR Communities Approach to Waste Minimization
 - i. Waste Minimization is Category CE-7
 - ii. 258 million tons of waste generated in US in 2015
 - iii. 34.6% recycling/compost national rate
 - iv. STAR looking to see if communities can reach zero waste goals by 2050
 - v. Can they achieve recycling rate of 40%
- c. Local actions
 - i. Waste management plan

- ii. Product bans
 - iii. Public education
 - iv. Regional coalition
 - v. Communitywide incentives
- d. Implementation actions
 - i. Provide recycling services
 - ii. Targeted recycling programs at key locations
 - iii. 3 specific waste management programs (haz waste disposal days, electronics recycling, etc.)
 - iv. Materials recovery facility
- e. **Global Green USA**
 - a. National nonprofit
 - b. Climate change and urban sustainability
 - c. Eco Ambassador Program
 - i. Resident or property Manager taking ownership over waste diversion in their building
 - ii. Global green offers training program in recycling and composting
 - iii. Goals: increase waste diversion and resident participation in multifamily buildings
 - iv. Meets STAR criteria for Civic Engagement EE-1, Public Engagement IP-1, and local innovation IP-3
- f. **Burlington VT**
 - a. Act 148: Universal Recycling and Composting Law, passed by state in 2012
 - b. Encourages development of infrastructure to keep reusable resources out of a landfill
 - c. Waste produced by Vermonters has been increasing while landfill capacity is decreasing
 - d. Markets for use of compostables and recyclables are expanding

- e. 2014 – mandatory composting for generators of more than 104 tons/yr
- f. 2015 – mandatory composting for generators of more than 52 tons/yr
- g. recycling containers required in publicly owned places
- h. trash haulers required to also collect recycling
- i. 2016 – leaf and yard debris and clean wood banned from landfill; haulers required to collect leaves, yard waste
- j. 2017 – transfer stations required to manage compost
- k. 2018 – haulers to collect food residuals
- l. 2020 – landfill ban for all food residuals
- g. **Denton, Texas**
 - a. City population 130,000
 - b. City provides curbside trash, recycling, electronics, hazmat collection, yard waste
 - c. Home chemicals collected, stored in a facility where public can come get items for reuse
 - d. Yard waste ground and made into compost that is sold back to the community in bulk
 - e. Organic food waste has been added to compost by large vendors like Walmart
 - f. Public outreach – market the City’s program and increase awareness of recycling. Teach students in 42 schools about use of resources and about recycling. Set up green teams within the schools. Also do outreach in multifamily buildings.
 - g. Keep Denton Beautiful organization does stream cleanups, litter cleanup, etc.

V. OSER Updates

- a. Launched Property Assessed Clean Energy program (PACE)
- b. Available for commercial business to obtain loans paid back through tax bills
- c. Local businesses showing interest
- d. Bar T is the first applicant
- e. Program specific website is online
- f. Myersville SWM efforts and tree plantings were noted in the News Post recently.

- g. County Executive spoke of sustainability efforts in her State of the County address.
- h. Pet Waste Surveys recently collected at Jumbos Pumpkin Patch. Septic system survey is also out.
- i. OSER has performed a number of SWM assessments throughout local jurisdictions.
- j. Tree plantings are up coming.
- k. OSER has an Instagram and Twitter page in addition to Facebook.

VI. Commission Members Items of Interest

Tom: Thurmont is still replacing dying ash trees. A tree planting is planned for November 4.

John: Attended Smart Cities Week conference in DC. Subject matter, how private sector can get involved in investing in smart cities. Montgomery County has a microgrid coming online in January 2018. Potential FCSC tour in January?

Rachel: Tiny house is in its location.

Tim: Notes that PACE is a great opportunity. Glory Energy will help Bar T in their energy efficiency efforts as they take advantage of PACE.

VII. Public Comments

Kerry Sorrenton: Univ of MD Extension, specializing in family and consumer science. Kerry will do community education.

VIII. Action Items:

- a. 8-18-16. Choose water quality/watershed indicators to help develop sustainability goals
- b. 10-10-15. FCSC committees: Invite community volunteers to join.
- c. 10-8-15. County Green Teams: Ron has assembled a comprehensive list that includes municipalities with teams and contact information shown.

Adjournment: Following a motion, which was seconded and unanimously approved, the meeting was adjourned at 4:20 pm.